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A method of fixing and concreting in flush steel plates (1) in a (vertical) face of a concrete wall with suitable tie-back anchorages, esp. for thick shielding and similar walls in nuclear reactor constructions where the flush steel plates are for subsequent further attachment and mounting, is as follows. The back wall (3) of the formwork and the reinforcement (4) are first erected, then the steel plates (1) are attached to the formwork by spring systems (9, 7) causing the plates to project further out than their final, intended flush position. The front formwork wall (6) is next erected, thus pushing the steel plates (1) back against their spring supports into the final required position. Pref. the spring element used comprises curved steel sheets (7) with appropriate fixing or support devices (9, 10)

USE/ADVANTAGE - For the mounting of flush steel wall fixing plates in a face partic. of a thick shielding wall in a nuclear reactor construction. Simple but effective, resulting in very accurate positioning.